

## PART B - FEE(S) TRANSMITTAL

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**JUN 16 2004**

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7590                    05/11/2004

The Law Office of Steven G. Roeder  
5560 Chelsea Avenue  
La Jolla, CA 92037

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**Certificate of Mailing or Transmission**  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

James P. Broder	(Depositor's name)
<i>JB</i>	(Signature)
June 9, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,799	07/02/2003	Robert Fairchild	Q02-1034-US2/11198.84.DIV	7364

TITLE OF INVENTION: THERMAL COOLING SYSTEM FOR DENSELY PACKED STORAGE DEVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	08/11/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUONG, HUNG V	2835	361-687000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122 attached.)  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 James P. Broder  
 2 Steven G. Roeder  
 3 \_\_\_\_\_

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment was previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Quantum Corporation

Milpitas, California

Please check the appropriate assignee category or categories (will not be printed on the patent):  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

- Issue Fee  
 Publication Fee  
 Advance Order - # of Copies 6

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- A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 50-1141 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

*6/9/04*

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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06/17/2004 HGUTEMAR 00000015 10613799

01 FC:1501	1330.00	OP
02 FC:1504	300.00	OP
03 FC:8001	18.00	OP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number: 10/613,799

Title: THERMAL COOLING SYSTEM FOR DENSELY PACKED STORAGE DEVICES

Attorney Docket Number: Q02-1034-US2 / 11198.84.DIV

**ISSUE FEE TRANSMITTAL LETTER**

Mail Stop Issue Fee  
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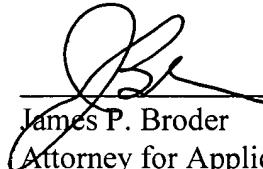
Dear Sir:

Enclosed are the following:

1. X Issue Fee Transmittal (PTOL-85B).
2. X A check in the amount of \$1648.00, which includes \$1630.00 for the issue fee and \$18.00 for 6 copies of the patent.
3.        (     ) sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.
4. X A return receipt postcard.

Please credit any overpayment or charge any additional fees to Deposit Account 50-1141 of the undersigned.

6/9/04  
Date

  
\_\_\_\_\_  
James P. Broder  
Attorney for Applicant(s)  
Reg. No. 43,514

**CERTIFICATE OF MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this the 9<sup>th</sup> day of June, 2004.

  
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JAMES P. BRODER, Attorney for Applicant--Registration No. 43,514